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| Ser | Gly | Lys | Lys | Arg | Gly | Lys | Phe | Val | Lys | Val | Pro | Ser | Ser | Val | Ala |
| | | 35 | | | | | 40 | | | | | 45 | | | |
| Pro | Ser | Val | Leu | Phe | Glu | Leu | Leu | Leu | Thr | Glu | Trp | His | Leu | Pro | Ala |
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 Pro Leu Asp Ser Asn Leu Ser His Phe Ile Leu Val Glu Ser Gly Ala
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 Phe Tyr Gln Asp Gly Arg Pro Gly Asp Arg Arg Arg Ala Glu Lys Gly
 485 490 495
 Pro Ala Lys Arg Pro Thr Gly Gln Lys Trp Leu Leu Asp Leu Asn Gln
 500 505 510
 Lys Ser Glu Asn Pro Trp Arg Asp Leu Phe Leu Trp Ala Val Leu Gln
 515 520 525

Asn Arg His Glu Met Ala Thr Tyr Phe Trp Ala Met Gly Gln Glu Gly
 530 535 540
 Val Ala Ala Ala Leu Ala Ala Cys Lys Ile Leu Lys Glu Met Ser His
 545 550 555 560
 Leu Glu Thr Glu Ala Glu Ala Ala Arg Ala Thr Arg Glu Ala Lys Tyr
 565 570 575
 Glu Arg Leu Ala Leu Asp Leu Phe Ser Glu Cys Tyr Ser Asn Ser Glu
 580 585 590
 Ala Arg Ala Phe Ala Leu Leu Val Arg Arg Asn Arg Cys Trp Ser Lys
 595 600 605
 Thr Thr Cys Leu His Leu Ala Thr Glu Ala Asp Ala Lys Ala Phe Phe
 610 615 620
 Ala His Asp Gly Val Gln Ala Phe Leu Thr Arg Ile Trp Trp Gly Asp
 625 630 635 640
 Met Ala Ala Gly Thr Pro Ile Leu Arg Leu Leu Gly Ala Phe Leu Cys
 645 650 655
 Phe Ala Leu Val Tyr Thr Asn Leu Ile Thr Phe Ser Glu Glu Ala Pro
 660 665 670
 Leu Arg Thr Gly Leu Glu Asp Leu Gln Asp Leu Asp Ser Leu Asp Thr
 675 680 685
 Glu Lys Ser Pro Leu Tyr Gly Leu Gln Ser Arg Val Glu Glu Leu Val
 690 695 700
 Glu Ala Pro Arg Ala Gln Gly Asp Arg Gly Pro Arg Ala Val Phe Leu
 705 710 715 720
 Leu Thr Arg Trp Arg Lys Phe Trp Gly Ala Pro Val Thr Val Phe Leu
 725 730 735
 Gly Asn Val Val Met Tyr Phe Ala Phe Leu Phe Leu Phe Thr Tyr Val
 740 745 750
 Leu Leu Val Asp Phe Arg Pro Pro Gln Gly Pro Ser Gly Pro Glu
 755 760 765
 Val Thr Leu Tyr Phe Trp Val Phe Thr Leu Val Leu Glu Glu Ile Arg
 770 775 780
 Gln Gly Phe Phe Thr Asp Glu Asp Thr His Leu Val Lys Lys Phe Thr
 785 790 795 800
 Leu Tyr Val Gly Asp Asn Trp Asn Lys Cys Asp Met Val Ala Ile Phe
 805 810 815
 Leu Phe Ile Val Gly Val Thr Cys Arg Met Leu Pro Ser Ala Phe Glu
 820 825 830
 Ala Gly Arg Thr Val Leu Ala Met Asp Phe Met Val Phe Thr Leu Arg
 835 840 845
 Leu Ile His Ile Phe Ala Ile His Lys Gln Leu Gly Pro Lys Ile Ile
 850 855 860
 Val Val Glu Arg Met Met Lys Asp Val Phe Phe Phe Leu Phe Phe Leu
 865 870 875 880
 Ser Val Trp Leu Val Ala Tyr Gly Val Thr Thr Gln Ala Leu Leu His
 885 890 895
 Pro His Asp Gly Arg Leu Glu Trp Ile Phe Arg Arg Val Leu Tyr Arg
 900 905 910
 Pro Tyr Leu Gln Ile Phe Gly Gln Ile Pro Leu Asp Glu Ile Asp Glu
 915 920 925
 Ala Arg Val Asn Cys Ser Thr His Pro Leu Leu Leu Glu Asp Ser Pro
 930 935 940
 Ser Cys Pro Ser Leu Tyr Ala Asn Trp Leu Val Ile Leu Leu Leu Val
 945 950 955 960
 Thr Phe Leu Leu Val Thr Asn Val Leu Leu Met Asn Leu Leu Ile Ala
 965 970 975
 Met Phe Ser Tyr Thr Phe Gln Val Val Gln Gly Asn Ala Thr Met Phe

980 985 990
 Trp Lys Phe Gln Arg Tyr Asn Leu Ile Val Glu Tyr His Glu Arg Pro
 995 1000 1005
 Ala Leu Ala Pro Pro Phe Ile Leu Leu Ser His Leu Ser Leu Thr Leu
 1010 1015 1020
 Arg Arg Val Phe Lys Lys Glu Ala Glu His Lys Arg Glu His Leu Glu
 1025 1030 1035 1040
 Arg Asp Leu Pro Asp Pro Leu Asp Gln Lys Val Val Thr Trp Glu Thr
 1045 1050 1055
 Val Gln Lys Glu Asn Phe Leu Ser Lys Met Glu Lys Arg Arg Arg Asp
 1060 1065 1070
 Ser Glu Gly Glu Val Leu Arg Lys Thr Ala His Arg Val Asp Phe Ile
 1075 1080 1085
 Ala Lys Tyr Leu Gly Gly Leu Arg Glu Gln Glu Lys Arg Ile Lys Cys
 1090 1095 1100
 Leu Glu Ser Gln Ile Asn Tyr Cys Ser Val Leu Val Ser Ser Val Ala
 1105 1110 1115 1120
 Asp Val Leu Ala Gln Gly Gly Gly Pro Arg Ser Ser Gln His Cys Gly
 1125 1130 1135
 Glu Gly Ser Gln Leu Val Ala Ala Asp His Arg Gly Gly Ile Asp Gly
 1140 1145 1150
 Trp Glu Gln Pro Gly Ala Gly Gln Pro Pro Ser Asp Thr
 1155 1160 1165
